

Authors

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Data Systems Division, Development Laboratory, Poughkeepsie, New York.
Physics (Ph.D., University of Wisconsin, 1952). Systems design of IBM 704 and STRETCH computers (1952-1956). Four years at Ramo Wooldridge Corporation and Aeronutronic Systems, Inc., as manager of data processing engineering. Rejoined IBM in 1960 to direct experimental machines research. Later managed advanced systems design. Presently technical manager of large scientific systems.

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Electrical engineering, applied science (Ph.D., Harvard University, 1952). Participated in designing Mark III and IV calculators at Harvard University Computation Laboratory and ARRA and FERTA computers at Mathematics Center, Amsterdam, Netherlands (1952-1955). Systems planning at IBM since 1955. Currently responsible for SYSTEM/360 architecture, systems planning and development.

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Physics, design and application of computers (Ph.D., Harvard University, 1956). Joined IBM in 1956 and participated in STRETCH and HARVEST programs. Co-author with K. E. Iverson of *Automatic Data Processing* (Wiley, 1963). Managed the development of SYSTEM/360. Currently responsible for development of SYSTEM/360 programming systems.

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